

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT:

Major Irrigation - N.S. Dam – Conducting Sedimentation Studies of Nagarjuna Sagar Reservoir for assessment of Present Capacity, by APERL, Hyderabad - Permission to deposit an amount of Rs. 20.53 lakhs - Accorded – Orders – Issued – Reg.

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G.O. Rt. No.585

Dated:30 -7-2008

Read: From the Chief Engineer, Nagarjunasagar Project Letter No. C.E/ NSP/ TS1/AE2/Vol. 14, dated: 3-5-08.

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ORDER:

The Chief Engineer, Nagarjunasagar Project in the letter read above, has stated that the Nagarjunasagar Dam is the Largest & Highest Masonry Dam in the World. The height of the dam is 409 feet. The N.S. Reservoir is largest man made lake in the world with a water-spread area of 110 Sq Kms and with a capacity of 408 TMC. Sedimentation in a reservoir directly and immediately affects the capacity and there, by affects useful life of the project in the long run. In view of the risk involved in silting, systematic capacity surveys of reservoir once in every 5 years are inevitable to calculate the rate of siltation so that, required remedial measures can be under taken inturn. The sedimentation studies in respect of N.S. Reservoir were last conducted by the CWC, New Delhi in the year 2001. The above sedimentation studies revealed a loss of 19.41% in gross storage & 9.96% in live storage. The rate of siltation was reported as 3.07 ham/100 sq.Km/year.

2. The Chief Engineer, Nagarjunasagar Project has stated that the “ Panel of Experts for Safety review of Dams” during their 1st Meeting held at Hyderabad on 12-10-2007 had suggested the APERL to take up the Sedimentation studies of various existing reservoirs for assessment of present capacities. Subsequently the Chief Engineer, (CDO) APERL, Hyderabad has submitted an estimate for Rs. 20.53 lakhs for conducting Hydrographic surveys of N.S. Reservoir by using Integrated Boat Mounted Bathymetric system (IBS) and requested to deposit the amount of Rs. 20.53 lakhs by D.D. drawn in favour of “Pay & Accounts Officer (Projects) Hyderabad” for taking up these studies.

3. The Chief Engineer, Nagarjunasagar Project has therefore, requested to accord permission to deposit an amount of Rs. 20.53 lakhs with APERL, Hyderabad for conducting Sedimentation studies of Nagarjuna Sagar Reservoir.

4. Government after careful consideration hereby permit the Chief Engineer , Nagarjunasagar Project to deposit an amount of Rs. 20.53 lakhs (Rupees twenty lakhs and fifty three thousand only) with APERL, Hyderabad for conducting Sedimentation studies of Nagarjuna Sagar Reservoir.

5. The expenditure is debitable to MH 2701 - M&MI –01 MIC – 101 NSP - 26 D&A - GH 11 Normal State Plan – 270/272 Maintaenance.

6. This order issues with the concurrence of the Finance (W.P) Department vide their U.O. No. 3219/F2(1)/08-1, dated: 18-7-2008.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYANATH DAS ,
SECRETARY TO GOVERNMENT

To
The Chief Engineer, Nagarjunasagar Project , Camp Office, Hyderabad
The Accountant General, A.P. , Hyderabad .
Copy to
The Finance Department
The P.S. to Secretary (A.D), I&CAD Department
The P.S to Addl. Secretary (CC), I&CAD Department.
OSD to M (M&M.I)
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER